In the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

LISTING OF CLAIMS

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30. (currently amended) A fastened tubing connection, comprising:

(a) a tube, including:

(i) a shaft with an operational end; and

(ii) a sealing surface on the shaft proximate the operational end, wherein the sealing surface includes a shoulder;

(b) a connector member, including:

(i) a cylindrical base that includes a first end, a second end and a wall [[, and defines]] having [[an aperture]] a gap in the wall and a first central bore;

(ii) at least two uniformly spaced projections, extending from an inner surface of the wall into the first central bore proximate the first end of the base;

(iii) a cylindrical collar that includes a first end disposed proximate the second end of the base and a wall with an outer diameter that is less than the outer diameter of the wall of the cylindrical base, wherein the wall defines [[a]] the gap and the collar defines a second central bore; and

(iv) a shoulder connected to and extending between the second end of the base and the first end of the collar along at least a portion of the respective circumferences of the base and the collar;

(c) a receiving member, including:

(i) a cylindrical body that includes a first end, a second end and an outer diameter that is less than the distance between the at least two uniformly spaced projections on the base of the connector member across the diameter of the first central bore, and defines a third central bore; and

(ii) means to engage at least a portion of the body of the receiving member in the first

central bore; and

(d) whereby the sealing surface of the tube passes through the aperture in the base of the connector member into the first central bore and the shaft of the tube above the shoulder passes through the gap in the collar to the second central bore, allowing the shoulder of the sealing surface to contact an end surface of the collar at the first end of the collar of the connector member, and the receiving member secures the shoulder and end surface in contact with one another by receiving the operational end of the shaft in the third central bore while the means to engage the receiving member in the first central bore are engaged.

31. (original) The connection of claim 30, wherein the means to engage at least a portion of the body of the receiving member in the first central bore include at least two opposing tabs projecting from the outer surface of the cylindrical body proximate the first end of the body.

32. (original) The connection of claim 31, wherein there are two uniformly spaced projections on the receiving member and each projection includes a locking surface, and wherein each of the two tabs contacts a respective locking surface to effectuate the engagement of the receiving member in the connector member.

33. (original) The connection of claim 32, wherein the engagement of the receiving member in the first central bore of the connector member is effectuated with a turn of the connector member that is approximately one-quarter of the circumference of the outer surface of the receiving member.

34. (original) The connection of claim 30, wherein the bevel on the shaft defines a channel about its circumference and includes a supplemented sealing means disposed in said sealing means.

35. (original) The connection of claim 34 wherein said supplemental sealing means is a gasket.

36. (original) The connection of claim 35 wherein said gasket is an o-ring.

37. (original) The connection of claim 30, wherein the projections are opposed about the first central bore.

38. (original) The connection of claim 30, further comprising a pair of opposing wings projecting from the outer surface of the collar and extending parallel to the longitudinal axis of the collar along the length of the collar.

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46. (previously presented) A fastened tubing connection, comprising:

(a) a tube, including:

(i) a shaft with an operational end; and

(ii) a sealing surface on the shaft proximate the operational end, wherein the sealing surface includes a shoulder;

(b) a connector member, including:

(i) a cylindrical base that includes a first end, a second end and a wall;

(ii) at least two uniformly spaced projections, extending from an inner surface of the wall into the first central bore proximate the first end of the base;

(iii) a cylindrical collar that includes a first end disposed proximate the second end of the base and a wall with an outer diameter that is less than the outer diameter of the wall of the cylindrical base; and

(iv) a shoulder connected to and extending between the second end of the base and the first end of the collar along at least a portion of the respective circumferences of the base and the collar;

(c) a receiving member, including:

(i) a cylindrical body that includes a first end, a second end and an outer diameter

that is less than the distance between the at least two uniformly spaced projections on the base of the connector member across the diameter of the first central bore, and defines a third central bore; and

(ii) means to engage at least a portion of the body of the receiving member in the first central bore; and

(d) whereby the sealing surface of the tube passes through the aperture in the base of the connector member into the first central bore and the shaft of the tube above the sealing surface shoulder passes through the collar to the second central bore, allowing the shoulder of the sealing surface to contact an end surface of the collar at the first end of the collar of the connector member, and the receiving member secures the shoulder and end surface in contact with one another by receiving the operational end of the shaft in the third central bore while the means to engage the receiving member in the first central bore are engaged.

47. (previously presented) The connection of claim 46, wherein the means to engage at least a portion of the body of the receiving member in the first central bore include at least two opposing tabs projecting from the outer surface of the cylindrical body proximate the first end of the body.

48. (previously presented) The connection of claim 47, wherein there are two uniformly spaced projections on the receiving member and each projection includes a locking surface, and wherein each of the two tabs contacts a respective locking surface to effectuate the engagement of the receiving member in the connector member.

49. (previously presented) The connection of claim 48, wherein the engagement of the receiving member in the first central bore of the connector member is effectuated with a turn of the connector member that is approximately one-quarter of the circumference of the outer surface of the receiving member.

50. (previously presented) The connection of claim 46, wherein the bevel on the shaft defines a channel about its circumference and includes a supplemented sealing means disposed in said sealing means

51. (previously presented) The connection of claim 50 wherein said supplemental sealing means is a gasket.

52. (previously presented) The connection of claim 51 wherein said gasket is an o-ring.

53. (previously presented) The connection of claim 46, wherein the projections are opposed about the first central bore.

54. (previously presented) The connection of claim 46, further comprising a pair of opposing wings projecting from the outer surface of the collar and extending parallel to the longitudinal axis of the collar along the length of the collar.